



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: John B. Groe
Serial No.: 10/051,762
Filed: 1/16/2002
For: Variable-Gain Low Noise
Amplifier to Reduce Linearity
Requirements on a Radio
Receiver
Group Art Unit: 2681
Examiner: Unknown
Atty. Docket: 000110

**CERTIFICATE OF
MAILING/TRANSMISSION
(37 C.F.R. § 1.8(a))**

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20231.

April 9, 2002

Daniel D Tagliaferri
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EM: EV 097167068 US

4/a
B.D.
5-15-02

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to the Examination of this Application, Please amend the Application as follows:

IN THE SPECIFICATION

Please replace the paragraph beginning at page 5, line 10, with the following rewritten
paragraph:

a! --Figures 7-9 show several variable-gain LNA topologies constructed in accordance with
the present invention.--

REMARKS

This Preliminary Amendment is being filed to correct a typographical error in the
Specification to clarify that there are only nine (9) drawings described by the Specification.

Applicant respectfully submits that no new matter is entered herein by this preliminary